

THAT WHICH IS CLAIMED IS

1. A medical device having an interior for containment of fluids; an opening into the interior, and an elastomeric wall having at least one perforation, said wall comprising a fixedly placed, flexible barrier across said opening; said device also defining a passageway extending inwardly from adjacent to said elastomeric wall, said passageway being proportioned to receive and form an annular seal with a connector tube that is extended into said interior through said perforation.
2. The device of claim 1 in which the outer face of said elastomeric wall is laterally exposed to the exterior, to permit lateral swabbing for aseptic cleaning prior to use.
3. The device of claim 1 in which said device defines a bore portion positioned between said elastomeric wall and the passageway, said bore portion having an inner diameter larger than any inner diameter of said passageway, to provide a chamber that receives material of said elastomeric wall when a connector tube is extending through said perforation.
4. The device of claim 1 in which a connector tube penetrates said perforation and forms said annular seal with a frustoconical wall of said passageway, said connector tube having a frustoconical outer wall with an angle to substantially match said frustoconical passageway wall, to facilitate said annular seal.
5. The device and connector tube of claim 4 in which the connector tube comprises a male luer of an ISO standard male luer lock connector.
6. The device and connector tube of claim 5 in which said device defines outer lugs which are in connection with an outer locking sleeve of said ISO standard male luer lock connector.
7. The device of claim 1 which is in connection with a length of flexible tubing.
8. The device of claim 1 which comprises a male luer lock connector.

9. A medical device having an interior for containment of fluids; an opening into the interior; an elastomeric wall having an outer surface and at least one perforation, said wall comprising a fixedly placed, flexible barrier across said opening; said device also defining a passageway extending inwardly from a position adjacent to said elastomeric wall, said passageway having a frustoconical wall, to receive and form an annular seal with a connector tube that is extended into said interior through said perforation.

10. The device of claim 9 in which the outer face of said elastomeric wall is laterally exposed to the exterior, to permit lateral swabbing for aseptic cleaning prior to use.

11. The device of claim 9 in which said device defines a bore portion positioned between said elastomeric wall and the passageway, said bore portion having an inner diameter larger than any inner diameter of said passageway, to provide a chamber that receives material of said elastomeric wall when a connector tube is extending through said perforation.

12. The device of claim 9 in which a connector tube penetrates said perforation and forms said annular seal with the frustoconical passageway wall, said connector tube having a frustoconical outer wall with an angle to substantially match said frustoconical passageway wall, to facilitate said annular seal.

13. The device and connector tube of claim 12 in which the connector tube comprises a male luer of an ISO standard male luer lock connector.

14. The device and connector tube of claim 13 in which said device defines outer lugs which are in connection with an outer locking sleeve of said ISO standard male luer lock connector.

15. The device of claim 9, which is in connection with a length of flexible tubing.

16. The device of claim 9 which comprises a female luer lock connector.